



18V CORDLESS BELT SANDER

OPERATING MANUAL

PRODUCT SPECIFICATION

Voltage:	18V
Belt speed:	4.6–9.7m/s
Belt size:	(3- 19mm) x 457mm
A weighted sound pressure level:	LpA: 78dB(A) ; KpA=3dB(A)
A weighted sound power level:	LwA: 89dB(A) ; KwA=3dB(A)
Typical weighted vibration:	ah=6.05m/s ² ;
Uncertainty:	k= 1,5m/s ²

GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to heed warnings and follow instructions may result in electric shock, fire and/or serious injury.

Keep safety warnings and instructions for future reference.

The term “power tool” in the safety warnings refers to your mains operated (corded) power tool or battery-operated (cordless) power tool.

2.1 WORKING AREA

- Keep working area clean and well lit. Untidy and dark areas can lead to accidents.
- Do not operate power tools in potentially explosive surroundings, for example, in the presence of inflammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders at a distance when operating a power tool. Distractions can cause you to lose control of it.

2.2 ELECTRICAL SAFETY

- Always check that the power supply corresponds to the voltage on the rating plate.
- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed power tools. Unmodified plugs and matching outlets will reduce the risk of an electric shock.
- Avoid body contact with earthed surfaces such as pipes, radiators, kitchen ranges and refrigerators. There is an increased risk of an electric shock if your body is earthed.
- Do not expose power tools to rain or wet conditions. If water gets inside a power tool, it will increase the risk of an electric shock.
- Do not damage the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of an electric shock.
- When operating a power tool outdoors, use an extension cable suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of an electric shock.
- If operating a power tool in a damp location is unavoidable, use a power supply protected by a residual current device (RCD). Using an RCD reduces the risk of an electric shock.

2.3 PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool when you are tired or under the influence of drugs, alcohol or medication. A moment of inattention when operating a power tool may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Using safety equipment such as a dust mask, non-skid safety shoes, a hard hat, or hearing protection whenever it is needed will reduce the risk of personal injury.
- Avoid accidental starts. Ensure the switch is in the off position before inserting the plug. Carrying power tools with your finger on the switch or plugging in power tools when the switch is in the on position makes accidents more likely.
- Remove any adjusting keys or spanners before turning on the power tool. A spanner or key left attached to a rotating part of the power tool may result in personal injury.
- Do not reach out too far. Keep your feet firmly on the ground at all times. This will enable you retain control over the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from the power tool. Loose clothes, jewellery or long hair can become entangled in the moving parts..
- If there are devices for connecting dust extraction and collection facilities, please ensure that they are attached and used correctly. Using such devices can reduce dust-related hazards.

2.4 POWER TOOL USE AND CARE

- Do not expect the power tool to do more than it can. Use the correct power tool for what you want to do. A power tool will achieve better results and be safer if used in the context for which it was designed.
- Do not use the power tool if the switch cannot turn it on and off. A power tool with a broken switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store power tools, when not in use, out of the reach of children and do not allow people who are not familiar with the power tool or these instructions to operate it. Power tools are potentially dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or jammed moving parts, breakages or any other feature that might affect the operation of the power tool. If it is damaged, the power tool must be repaired. Many accidents are caused by using poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to jam and are easier to control.
- Use the power tool, accessories and cutting tools, etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work which needs to be done. Using a power tool in ways for which it was not intended can lead to potentially hazardous situations.

2.5 SERVICE

Your power tool should be serviced by a qualified specialist using only standard spare parts. This will ensure that it meets the required safety standards.

Special safety instructions for Belt Sander

- Do not use accessories that are not specially designed and recommended by the device manufacturer. Only such accessories can be used, which are included with the power tool, it ensures safe work.
- Keep bystanders at a safe distance from the workplace. Everyone who enters the working area must wear personal protective equipment. Parts of the workpiece or shattered accessories can bounce and cause injuries outside the immediate area of use.
- Never place the power tool or accessories down until they stop completely. Rotating accessories can grab the surface and pull the device out of your control.
- Do not run the power tool when you move it to your side. Accidental contact with the rotating tool may hook your clothing and pull the tool towards your body.
- Never prune, drill or saw in unknown areas where electric, gas or water pipes may be. Use the appropriate detector to find such lines.

ADDITIONAL SAFETY INSTRUCTIONS FOR BATTERIES AND CHARGERS



Use only batteries and chargers applicable for this machine.

4.1 BATTERIES

- Never attempt to open for any reason.
- Do not store in locations where the temperature may exceed 40 °C.
- Charge only at ambient temperatures between 4 °C and 40 °C.
- When disposing of batteries, follow the instructions given in the section "Protecting the environment".
- Do not cause short circuits. If connection is made between the positive (+) and negative (-) terminal directly or via accidental contact with metallic objects, the battery is short circuited and an intense current will flow causing heat generation which may lead to casing rupture or fire.
- Do not heat. If batteries are heated to above 100 °C, sealing and insulating separators and other polymer components may be damaged resulting in electrolyte leakage and/or internal short circuiting leading to heat generation causing rupture or fire. Moreover do not dispose of the batteries in fire, explosion and/or intense burning may result.
- Under extreme conditions, battery leakage may occur. When you notice liquid on the battery, proceed as follows:
- Carefully wipe the liquid off using a cloth. Avoid skin contact.
- In case of skin or eye contact, follow the instructions below:
 1. Immediately rinse with water. Neutralize with a mild acid such as lemon juice or vinegar.
 2. In case of eye contact, rinse abundantly with clean water for at least 10 minutes.
 3. Consult a physician.



Fire hazard! Avoid short-circuiting the contacts of a detached battery. Do not incinerate the battery.

4.2 CHARGERS

- Never attempt to charge non-rechargeable batteries.
- Have defective cords replaced immediately.
- Do not expose to water.
- Do not open the charger.
- Do not probe the charger.
- The charger is intended for indoor use only.

SYMBOLS

In this manual and/or on the machine the following symbols are used:



Denotes risk of personal injury or damage to the tool.



Read manual before use



Wear eye protection



Wear ear protection



Wear safety gloves



Wear respiratory protection



In accordance with essential requirements of the European directive(s)



Class II - The machine is double insulated; Earthing wire is therefore not necessary (only for charger)



Ambient temperature 40°C max. (only for battery)



Do not expose charger and battery pack to water



Use battery and charger only in closed rooms



Do not incinerate battery pack or charger

6. PRODUCT ACCESSORIES

1. Angle adjusting knob
2. Switch
3. Additional handle
4. Belt adjusting knob
5. Speed regulator
6. Battery (not included)
7. Charger (not included)
8. Battery latch button
9. Sanding belt

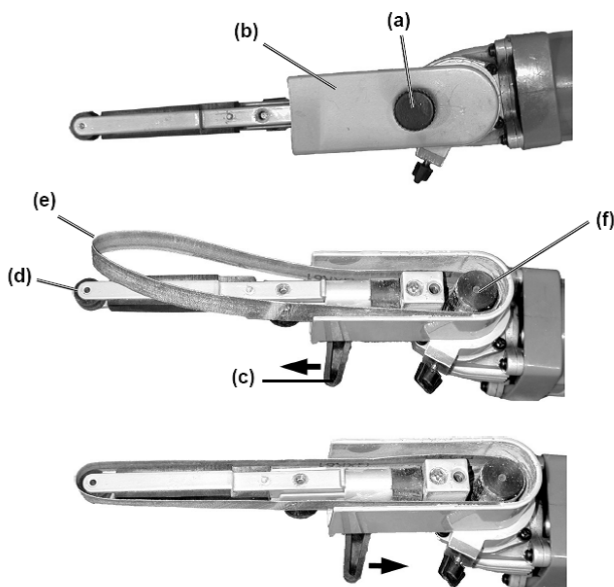
7. BEFORE YOU START

7.1 FITTING THE ADDITIONAL HANDLE (FIG. 2)

- The additional handle (3) may be installed in one of two positions (A, B), on either side of the housing.
- Screw the threaded end of the additional handle into the selected position. Tighten securely before beginning work.

7.2 INSTALLING THE SANDING BELT

- Remove screw (a) and cover (b).
- Turn the slide lock (c) completely to one side. This reduces the tension on the roller (d) so that the sanding belt (e) can be slipped over easily.
- Place the sanding belt over the roller and the spindle (f).
- Turn the slide lock so it points away from the roller. Replace cover and screw.
- If needed, adjust the tracking of the sanding belt by turning the adjustment knob (4).



8. OPERATION

8.1 CHARGING THE LI BATTERY PACK (FIG. 1A-1B)

1. Remove the battery pack (6) from the handle, pressing the pushlock button (8) downwards to do so.
2. Check that your mains voltage is the same as that marked on the rating plate of the battery charger. Insert the power plug of the charger (7) into the mains socket outlet. The green LED will be on.
3. Push the battery pack onto the battery charger.

If the battery pack fails to charge, check for the following:

- voltage at the power socket
- whether there is good contact at the charging contacts of the charging unit

If the battery pack still fails to charge contact your nearest retailer.

To ensure that the Li battery pack provides long service you should take care to recharge it promptly. You must recharge the battery pack when you notice that the power of the cordless equipment drops.

8.2 SWITCH (FIG. 4)

The sander comes with a safety switch which is designed to prevent accidents. To switch on, push the safety lock (a) to the right and then press the trigger (b). To switch off the sander, just release the trigger.

8.3 BATTERY CAPACITY INDICATOR (FIG. 1C)

Press the battery capacity indicator switch (a). The battery capacity indicator (9) shows the charge status of the battery using 3 LEDs.

- All 3 LEDs are lit: The battery is fully charged.
- 2 or 1 LED(s) are lit: The battery has an adequate remaining charge.
- 1 LED blinks: The battery is empty, recharge the battery.
- All LEDs blink: The battery pack has undergone exhaustive discharge and is defective. Do not use or charge a defective battery pack.

8.4 SPEED CONTROL (FIG. 5)

Turn the speed regulator (5) to increase or reduce speed.

8.5 MOTOR

It is vital for the motor to be well ventilated during operation. Be sure, therefore, to keep the ventilation holes clean at all times.

8.6 WORKPIECE AND WORK AREA SET UP

- Designate a work area that is clean and well-lit. The work area must not allow access by children or pets to prevent distraction and injury.
- Secure loose workpieces using a vise or clamps (not included) to prevent movement while working.
- There must not be hazardous objects, such as utility lines or foreign objects, nearby that will present a hazard while working.
- You must use personal safety equipment including, but not limited to, eye and hearing protection, as well as heavy-duty work gloves.

9. WORKING INSTRUCTION (FIG. 3)



Warning: *TO PREVENT SERIOUS INJURY, grip the tool firmly in both hands.*

- Loosen the angle adjusting knob (4) and adjust the belt housing (b) to the desired angle for sanding.
- Securely grasp the tool handle (with both hands) and turn on the machine.
- Begin sanding with light movements and pressure until the sanding capability is known on the material being sanded.
- When finished using the belt sander, release the switch. Wait until the motor stops before setting the tool down.
- Clean, then store the tool indoors out of children's reach.

10. CLEANING AND MAINTENANCE

Always disconnect the plug from the socket before carrying out any cleaning work.

10.1 CLEANING

- Keep all air gaps and engine housing clean as far as possible.
- Wipe the device with a clean cloth or blow it with compressed air.
- We recommend cleaning the device every time it's done.
- Clean the device regularly with a damp cloth and a small amount of soap. Do not use detergents or solvents that can damage the plastic parts of the device. Be careful that water does not get inside the device.

10.2 MAINTENANCE

Our machines have been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper machine care and regular cleaning. Please charge the battery regularly, for example, once every 6 months.

11. REPAIR

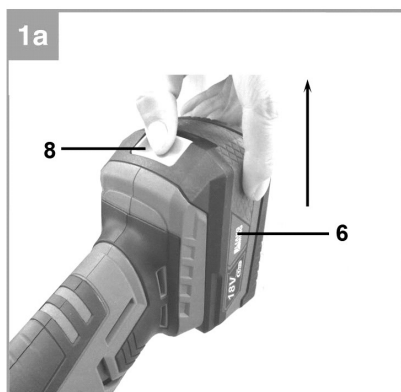
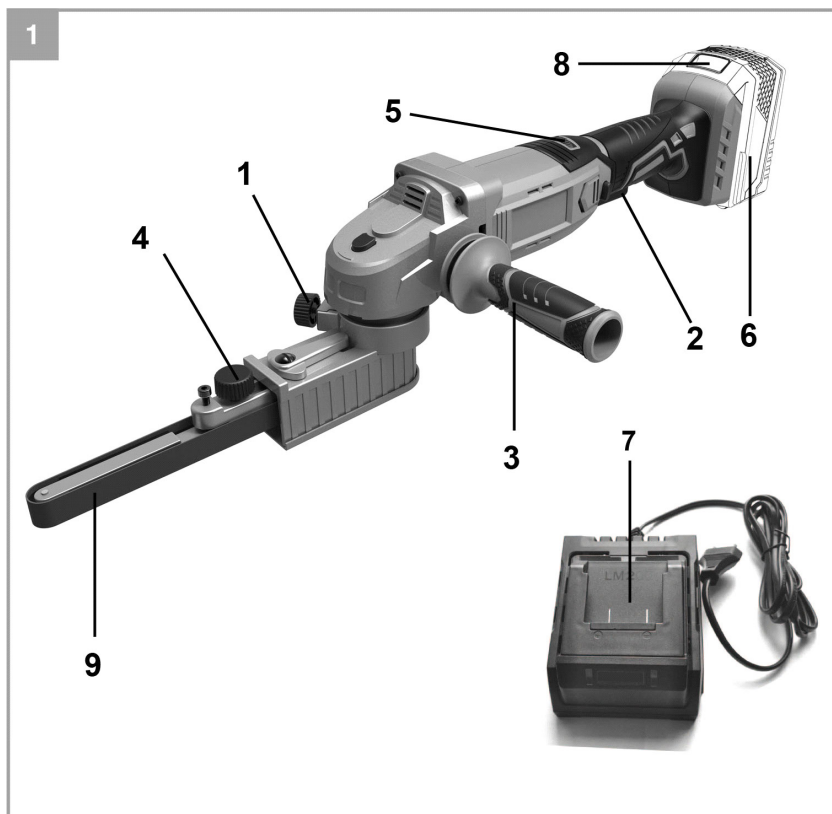
Only use accessories and spare parts recommended by the manufacturer.

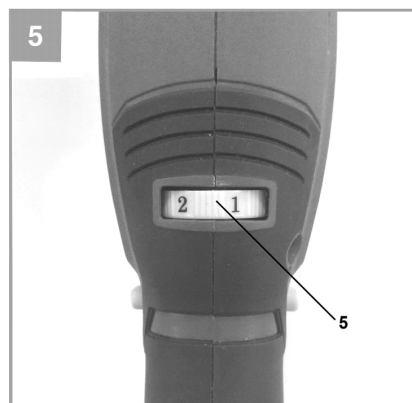
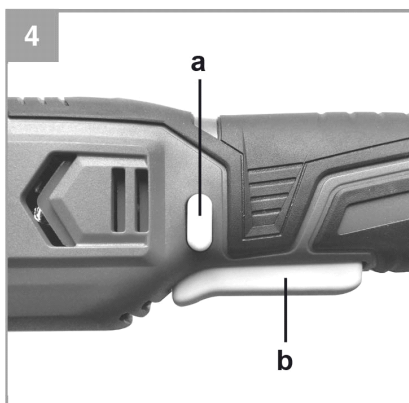
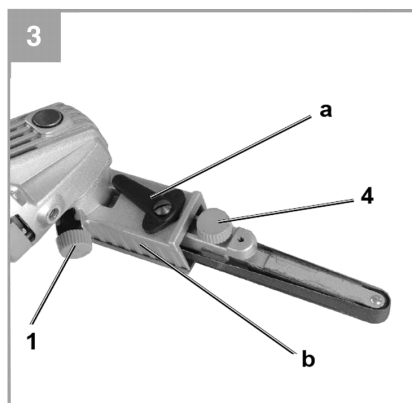
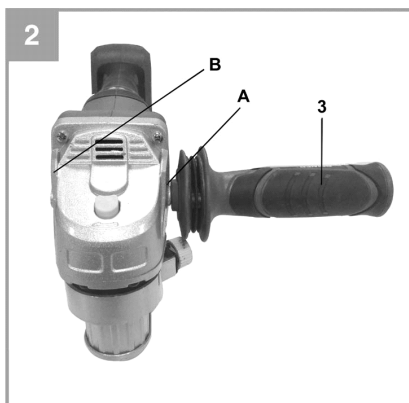
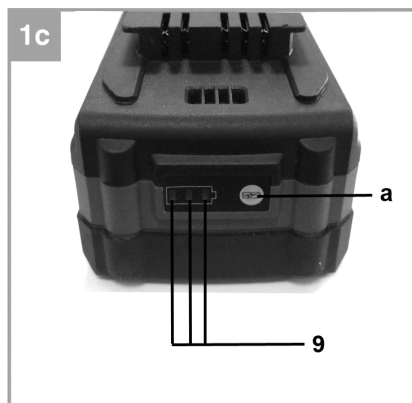
If the device is damaged after a few days, despite our quality control and your maintenance, only an authorized electrician can repair it.

11. ENVIRONMENT

Should your appliance need replacement after extended use, do not dispose of it with the household refuse, but in an environmentally safe way.

Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check you're your Local Authority or retailer for recycling advice.





 **NORDIC**